

B-type Natriuretic Recombinant Protein | BNP recombinant protein

Recombinant Human B-type Natriuretic Protein

CATALOG # AAA38159	HOST E Coli
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PRODUCT SYNONYMS

B-type Natriuretic; Recombinant Human B-type Natriuretic Protein; BNP Human; B-type Natriuretic Peptide Human Recombinant; NPPB; Natriuretic Peptide Precursor B; BNP; B-type Natriuretic Peptide; BNP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Natriuretic Peptide Precursor B was lyophilized from 0.4ml PBS buffer containing 20mM phosphate buffer and 0.6mM sodium chloride. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	SPKMQGSGC FGRKMDRIS SSGLGCKVLR RH
Sequence Length	134
Solubility	It is recommended to reconstitute the lyophilized B-type Natriuretic Peptide in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized B-type Natriuretic Peptide although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution NPPB should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for BNP recombinant protein	Description: B-type Natriuretic Peptide Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 32 amino acids and having a molecular mass of 3464 Dalton. NPPB is purified by proprietary chromatographic techniques. Introduction: Natriuretic Peptide Precursor B acts as a cardiac hormone with a variety of biological actions including natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is thought to play a key role in cardiovascular homeostasis. Helps restore the body's salt and water balance. Improves heart function.
Product Categories/Family for BNP recombinant protein	Cytokines and Growth Factors; Cytokines; B type Natriuretic Peptide

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879
NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NM_002521.2
UniProt Accession #	P16860; Q6FGY0; Q9P2Q7; B0ZBE9
Molecular Weight	14,726 Da

NCBI Official Full Name	natriuretic peptides B preproprotein
NCBI Official Synonym Full Names	natriuretic peptide B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP
NCBI Protein Information	natriuretic peptides B; brain type natriuretic peptide; gamma-brain natriuretic peptide; natriuretic peptide precursor B; natriuretic protein
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	NPPB
UniProt Synonym Gene Names	BNP(1-32); BNP-32
UniProt Entry Name	ANFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nppb-recombinant-protein-e-coli/38159>